



Environmental  
Protection Agency

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korleski, Director

June 16, 2010

American Energy Corp - Century Mine  
43521 Mayhugh Hill Rd Twp Hwy 88  
Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on June 14, 2010. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

- If you believe the identified compliance issues are in error based on your understanding of your NPDES permit conditions, contact your Ohio EPA District Representative, Abbot Stevenson, at 1-800-686-7330 or [Abbot.Stevenson@epa.state.oh.us](mailto:Abbot.Stevenson@epa.state.oh.us)
- Part III-12 of your NPDES permit requires that you submit an email or a letter of explanation outlining the actions you have taken or are taking to correct certain instances of non-compliance. If you have not already done so, please submit the email or letter to your Ohio EPA District representative at the following address:

Abbot Stevenson  
Ohio EPA - Southeast District Office  
2195 Front Street  
Logan, Ohio 4313  
1-800-686-7330 or [Abbot.Stevenson@epa.state.oh.us](mailto:Abbot.Stevenson@epa.state.oh.us)

- The following web address contains useful eDMR submission information including definitions of limit violations, non-numeric violations, frequency violations, calculation of average concentrations, and correct A-code use:  
<http://www.epa.ohio.gov/dsw/edmr/eDMR.aspx>

Sincerely,

Ed Swindall  
[ed.swindall@epa.state.oh.us](mailto:ed.swindall@epa.state.oh.us)  
Supervisor, Permits Compliance Unit  
Ohio EPA, Division of Surface Water

50 West Town Street, Suite 700  
P.O. Box 1049  
Columbus, OH 43216-1049

614 | 644 3020  
614 | 644 3184 (fax)  
[www.epa.ohio.gov](http://www.epa.ohio.gov)

AEC 12269



Environmental  
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Ted Strickland, **Governor**  
Lee Fisher, **Lt. Governor**  
Chris Korlasht, **Director**

Preliminary Compliance Report

Facility: American Energy Corp - Century Mine

Permit No.: 01L00091\*GD

Report Period: May 2010

Date Received: 6/14/2010

Station	Type	Date	Reporting Code	Parameter	Limit Type	Permit Limit	Reported Value
017	Limit	5/1/2010	00610	Nitrogen, Ammonia (NH3)	Monthly Conc.	1.0	2.
017	Limit	5/19/2010	00610	Nitrogen, Ammonia (NH3)	Daily Conc.	1.5	2.6

50 West Town Street, Suite 700  
P.O. Box 1049  
Columbus, OH 43216-1049

614 | 644 3020  
614 | 644 3184 (fax)  
[www.epa.ohio.gov](http://www.epa.ohio.gov)

AEC 12270



Division of Surface Water  
Non-compliance Notification for  
Exceedance of a Daily Maximum Discharge Limit

Use this form to report non-compliance that is the result of any violation of a daily maximum discharge limit for any of the pollutants listed by the Director in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and e-mailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: [sedo24hournpdes@epa.state.oh.us](mailto:sedo24hournpdes@epa.state.oh.us)  
Southwest District Office: [swdo24hournpdes@epa.state.oh.us](mailto:swdo24hournpdes@epa.state.oh.us)  
Northwest District Office: [nwdo24hournpdes@epa.state.oh.us](mailto:nwdo24hournpdes@epa.state.oh.us)  
Northeast District Office: [nedo24hournpdes@epa.state.oh.us](mailto:nedo24hournpdes@epa.state.oh.us)  
Central District Office: [cdo24hournpdes@epa.state.oh.us](mailto:cdo24hournpdes@epa.state.oh.us)  
Central Office: [co24hournpdes@epa.state.oh.us](mailto:co24hournpdes@epa.state.oh.us)

Permittee Information	
Name of permittee:	American Energy Corporation
NPDES Permit number:	OIL00091*GD
Contact name for permittee:	Cody Mozena
Contact telephone number:	740-310-9428
Exceeded limit	
Parameter name:	Nitrogen, Ammonia (NH3)
Provide type of limit exceeded, e.g. concentration, loading, etc.	Daily Concentration & Monthly Concentration
Extent of exceedance	
Provide permit limit, e.g. 10 ug/l	Daily Conc. Of 1.5 mg/l & Monthly Conc. Of 1.0 mg/l
Measured exceedance (include units):	Daily Measurement of 2.6 mg/l & Monthly Measurement of 2 mg/l
Cause of exceedance	
Provide an explanation for the cause of the permit limit exceedance:	Mechanical failure within the treatment facility has led to the plant not functioning at full operating capacity. We found the new #2 dosing pump which was installed in March lost a bearing causing the pump to fail. The failure of the #2 pump within the dosing tank has reduced the ability of the tank to function properly. The function of this pump is essential to maintaining proper flow throughout the treatment system. If a failure, or in our case reduction of pumping force occurs, proper flow and tank holding times cannot be achieved within the system, creating possible backups affecting the ability of each tank to properly function and settle out the necessary wastewater constituents.
Period of exceedance	
Exact time period of exceedance (include times and dates):	5/19/2010 2:50 P.M.
If uncorrected, expected duration	
If the exceedance is not yet corrected, provide the expected time period during which it is anticipated to continue:	5/30/2010
Steps to address exceedance	
Describe all the steps taken to reduce, eliminate, or prevent future occurrence of the exceedance(s):	Corrective actions taken to ensure NH3 levels will be discharged within permit guidelines include: American Energy is in the process of obtaining and installing the necessary parts to repair items within the #2 pump. This will ensure correct water treatment and allow water to properly pass through the treatment plant. Fixing the pump will also allow monitoring personnel to set timing where each pump will run for twelve hours at a time. This will alleviate system stress from only having one pump continuously running and should prevent future failures.



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	<p>The testing lab has been requested to now email results to the water quality management group immediately upon completion of testing. In the interim, until the required parts needed to correct failure are obtained and installed, American Energy will remove waste from the system as needed to help maintain discharge compliance of the facility.</p>
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